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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,648	01/10/2002	Meng Chang Chen	08919-069001 / 05A-881219	6040
26161	7590	02/24/2005	EXAMINER	
FISH & RICHARDSON PC 225 FRANKLIN ST BOSTON, MA 02110				
			ART UNIT	PAPER NUMBER
			2174	

DATE MAILED: 02/24/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/043,648

Applicant(s)

CHEN, MENG CHANG

Examiner

Ryan F Pitaro

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-24 have been examined.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

3. Claims 1-24 are rejected under 35 U.S.C. 102(a) as being anticipated by Sun et al ("Sun", PVA: A Self-Adaptive Personal View Agent System).

As per independent claim 1, Sun discloses a system for managing a personal view for a user comprising: a proxy, which tracks web pages that have been accessed by the user and extracts a topic page from the web pages (Column 3 lines 43-54); a personal view constructor, which builds the personal view as a hierarchy of categories based on the topic page extracted by the proxy (Column 3 lines 56-58 Column 4 lines 26-35); and a personal view maintainer, which adjusts the hierarchy according to an energy value of each of the categories (Column 5 lines 22-36).

As per claim 2, which is dependent on claim 1, Sun discloses a method wherein the personal view constructor builds the personal view by mapping the topic page into a

selected category in a superset of categories and updating a corresponding category in the hierarchy (Column 4 lines 20-35).

As per claim 3, which is dependent on claim 2, Sun discloses a method wherein the selected category has a category vector that is most similar to a keyword vector of the topic page (Column 4 lines 20-23).

As per claim 4, which is dependent on claim 2, Sun discloses a method wherein the corresponding category is an ancestor of the selected category in the superset of categories if the selected category is not in the hierarchy (Column 4 lines 26-33).

As per claim 5, which is dependent on claim 1, Sun discloses a method wherein the personal view maintainer splits off a child category from a parent category in the hierarchy if the energy value of the parent category is above a predetermined threshold (Column 5 Figure 1).

As per claim 6, which is dependent on claim 5, Sun discloses a method wherein the personal view maintainer chooses the child category that maximizes a gain value (Column 5 lines 50-60).

As per claim 7, which is dependent on claim 1, Sun discloses a method wherein the personal view maintainer periodically reduces the energy value of each of the categories (Column 5 lines 6 lines 60-64).

As per claim 8, which is dependent on claim 7, Sun discloses a method wherein the personal view maintainer removes a child category from the hierarchy if the energy value of the child category is below a pre-determined threshold (Column 7 lines 15-20).

As per claim 9, which is dependent on claim 7, Sun discloses a method wherein the personal view maintainer merges information of the child category with information of the child category's parent in the hierarchy (Column 7 lines 15-20).

As per claim 10, which is dependent on claim 1, Sun discloses a method further comprising a personal view display to display the hierarchy of categories (Column 7 Figure 3).

Claims 11 and 21 are individually similar in scope to that of claim 1, and are therefore rejected under similar rationale.

Claims 12 and 22 are individually similar in scope to that of claim 2, and are therefore rejected under similar rationale.

Claim 13 is individually similar in scope to that of claim 3, and is therefore rejected under similar rationale.

Claim 14 is individually similar in scope to that of claim 4, and is therefore rejected under similar rationale.

Claims 15 and 23 are individually similar in scope to that of claim 5, and are therefore rejected under similar rationale.

Claim 16 is individually similar in scope to that of claim 6, and is therefore rejected under similar rationale.

Claim 17 is individually similar in scope to that of claim 7, and is therefore rejected under similar rationale.

Claim 18 is individually similar in scope to that of claim 8, and is therefore rejected under similar rationale.

Claims 19 and 24 are individually similar in scope to that of claim 9, and are therefore rejected under similar rationale.

Claim 20 is individually similar in scope to that of claim 10, and is therefore rejected under similar rationale.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Reiley et al discloses merging and removing nodes from a hierarchy.
- Tamayo et al discloses a method for coupling a database and web mining system.
- Mendelevitch et al discloses a classification/categorization and ranking method by topics extracted.
- Suchter discloses changes to a hierarchy by merging and splitting.
- Amram et al discloses selecting topics from a database.
- Zhao et al manages site by collecting transaction information and organizing by categories.
- Dimitrova et al discloses a classification system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ryan F Pitaro whose telephone number is 571-272-

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4071. The examiner can normally be reached on 7:00am - 4:30pm Monday through Thursday and on alternating Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on 571-272-4063. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ryan Pitaro
Art Unit 2174
Patent Examiner

RFP

Kristine Kincaid
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